

## National Functional Guidelines Report # 4

10:55 Sat, Nov 8, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4G35

Case 37947

Contract EPW05030

Region 9

DDTID 65854

SOW

SOM01.2

***Final Flag Results***

VOA Low Med 1A

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	Y4G35 TMP-05R-35 Field Sample Soil/Low <b>1</b> 18 ug/Kg	Y4G36 TMP-05R-40 Field Sample Soil/Low <b>1</b> 9 ug/Kg	Y4G37 TMP-05R-45 Field Sample Soil/Low <b>1</b> 6 ug/Kg	Y4G38 TMP-05R-50 Field Sample Soil/Low <b>1</b> 13 ug/Kg				
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	6.2	U	5.8	U	5.5	U	5.9	U
Chloromethane	6.2	U	5.8	U	5.5	U	5.9	U
Vinyl chloride	6.2	U	5.8	U	5.5	U	5.9	U
Bromomethane	6.2	U	5.8	U	5.5	U	5.9	U
Chloroethane	6.2	U	5.8	U	5.5	U	5.9	U
Trichlorofluoromethane	6.2	U	5.8	U	5.5	U	5.9	U
1,1-Dichloroethene	6.2	U	5.8	U	5.5	U	5.9	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U	5.8	U	5.5	U	5.9	U
Acetone	29		17		20		34	
Carbon disulfide	6.2	U	5.8	U	5.5	U	5.9	U
Methyl acetate	6.2	U	5.8	U	5.5	U	5.9	U
Methylene chloride	6.2	U	5.8	U	5.5	U	5.9	U
trans-1,2-Dichloroethene	6.2	U	5.8	U	5.5	U	5.9	U
Methyl tert-butyl ether	6.2	U	5.8	U	5.5	U	5.9	U
1,1-Dichloroethane	6.2	U	5.8	U	5.5	U	5.9	U
cis-1,2-Dichloroethene	6.2	U	5.8	U	5.5	U	5.9	U
2-Butanone	12	U	12	U	11	U	12	U
Bromochloromethane	6.2	U	5.8	U	5.5	U	5.9	U
Chloroform	6.2	U	5.8	U	5.5	U	5.9	U
1,1,1-Trichloroethane	6.2	U	5.8	U	5.5	U	5.9	U
Cyclohexane	6.2	U	5.8	U	5.5	U	5.9	U
Carbon tetrachloride	6.2	U	5.8	U	5.5	U	5.9	U
Benzene	6.2	U	5.8	U	5.5	U	4.6	J
1,2-Dichloroethane	6.2	U	5.8	U	5.5	U	5.9	U
1,4-Dioxane	120	R	120	R	110	R	120	R

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***Final Flag Results***

VOA Low Med 1B

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	Y4G35 TMP-05R-35 Field Sample Soil/Low 1 18 ug/Kg		Y4G36 TMP-05R-40 Field Sample Soil/Low 1 9 ug/Kg		Y4G37 TMP-05R-45 Field Sample Soil/Low 1 6 ug/Kg		Y4G38 TMP-05R-50 Field Sample Soil/Low 1 13 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	6.2	U	5.8	U	5.5	U	5.9	U
Methylcyclohexane	6.2	U	5.8	U	5.5	U	5.9	U
1,2-Dichloropropane	6.2	U	5.8	U	5.5	U	5.9	U
Bromodichloromethane	6.2	U	5.8	U	5.5	U	5.9	U
cis-1,3-Dichloropropene	6.2	U	5.8	U	5.5	U	5.9	U
4-Methyl-2-pentanone	12	U	12	U	11	U	12	U
Toluene	6.2	U	5.8	U	5.5	U	5.9	U
trans-1,3-Dichloropropene	6.2	U	5.8	U	5.5	U	5.9	U
1,1,2-Trichloroethane	6.2	U	5.8	U	5.5	U	5.9	U
Tetrachloroethene	6.2	U	5.8	U	5.5	U	2.5	J
2-Hexanone	12	U	12	U	11	U	12	U
Dibromochloromethane	6.2	U	5.8	U	5.5	U	5.9	U
1,2-Dibromoethane	6.2	U	5.8	U	5.5	U	5.9	U
Chlorobenzene	6.2	U	5.8	U	5.5	U	5.9	U
Ethylbenzene	6.2	U	5.8	U	5.5	U	5.9	U
o-Xylene	6.2	U	5.8	U	5.5	U	5.9	U
m,p-Xylene	6.2	U	5.8	U	5.5	U	5.9	U
Styrene	6.2	U	5.8	U	5.5	U	5.9	U
Bromoform	6.2	U	5.8	U	5.5	U	5.9	U
Isopropylbenzene	6.2	U	5.8	U	5.5	U	5.9	U
1,1,2,2-Tetrachloroethane	6.2	U	5.8	U	5.5	U	5.9	U
1,3-Dichlorobenzene	6.2	U	5.8	U	5.5	U	5.9	U
1,4-Dichlorobenzene	6.2	U	5.8	U	5.5	U	5.9	U
1,2-Dichlorobenzene	6.2	U	5.8	U	5.5	U	5.9	U
1,2-Dibromo-3-chloropropane	6.2	U	5.8	U	5.5	U	5.9	U
1,2,4-Trichlorobenzene	6.2	U	5.8	U	5.5	U	5.9	U
1,2,3-Trichlorobenzene	6.2	U	5.8	U	5.5	U	5.9	U

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VOA Low Med 9Z

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	Y4G35 TMP-05R-35 <b>Field Sample</b> Soil/Low 1 18 ug/Kg	Y4G36 TMP-05R-40 <b>Field Sample</b> Soil/Low 1 9 ug/Kg	Y4G37 TMP-05R-45 <b>Field Sample</b> Soil/Low 1 6 ug/Kg	Y4G38 TMP-05R-50 <b>Field Sample</b> Soil/Low 1 13 ug/Kg				
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.62	U	0.58	U	0.55	U	0.59	U
Isopropanol	31	R	29	R	28	R	29	R

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VOA Low Med 1A

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	Y4G40 TMP-05R-55 Field Sample Soil/Low <b>1</b> 13 ug/Kg		Y4G41 TMP-05R-60 Field Sample Soil/Low <b>1</b> 14 ug/Kg		Y4G42 TMP-05R-65 Field Sample Soil/Low <b>1</b> 19 ug/Kg		Y4G43 TMP-05R-70 Field Sample Soil/Low <b>1</b> 22 ug/Kg		Y4G44 TMP-05R-75 Field Sample Soil/Low <b>1</b> 23 ug/Kg	
Compound	NFG Result	NFG Flag								
Dichlorodifluoromethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Chloromethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Vinyl chloride	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Bromomethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Chloroethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Trichlorofluoromethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,1-Dichloroethene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Acetone	26		16		25		24		53	
Carbon disulfide	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Methyl acetate	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Methylene chloride	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
trans-1,2-Dichloroethene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Methyl tert-butyl ether	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,1-Dichloroethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
cis-1,2-Dichloroethene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
2-Butanone	12	U	11	U	13	U	12	U	14	U
Bromochloromethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Chloroform	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,1,1-Trichloroethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Cyclohexane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Carbon tetrachloride	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Benzene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,2-Dichloroethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,4-Dioxane	120	R	110	R	130	R	120	R	140	R

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VOA Low Med 1B

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	Y4G40 TMP-05R-55 <b>Field Sample</b> Soil/Low <b>1</b> 13 ug/Kg		Y4G41 TMP-05R-60 <b>Field Sample</b> Soil/Low <b>1</b> 14 ug/Kg		Y4G42 TMP-05R-65 <b>Field Sample</b> Soil/Low <b>1</b> 19 ug/Kg		Y4G43 TMP-05R-70 <b>Field Sample</b> Soil/Low <b>1</b> 22 ug/Kg		Y4G44 TMP-05R-75 <b>Field Sample</b> Soil/Low <b>1</b> 23 ug/Kg	
Compound	NFG Result	NFG Flag								
Trichloroethene	6.0	U	5.6	U	6.3	U	3.9	J	38	
Methylcyclohexane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,2-Dichloropropane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Bromodichloromethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
cis-1,3-Dichloropropene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
4-Methyl-2-pentanone	12	U	11	U	13	U	12	U	14	U
Toluene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
trans-1,3-Dichloropropene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,1,2-Trichloroethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Tetrachloroethylene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
2-Hexanone	12	U	11	U	13	U	12	U	14	U
Dibromochloromethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,2-Dibromoethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Chlorobenzene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Ethylbenzene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
o-Xylene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
m,p-Xylene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Styrene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Bromoform	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
Isopropylbenzene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,1,2,2-Tetrachloroethane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,3-Dichlorobenzene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,4-Dichlorobenzene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,2-Dichlorobenzene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,2-Dibromo-3-chloropropane	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,2,4-Trichlorobenzene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U
1,2,3-Trichlorobenzene	6.0	U	5.6	U	6.3	U	6.2	U	7.2	U

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***Final Flag Results***

VOA Low Med 9Z

Sample Location Type Matrix/Level	Y4G40 TMP-05R-55 Field Sample Soil/Low 1 13 ug/Kg	Y4G41 TMP-05R-60 Field Sample Soil/Low 1 14 ug/Kg	Y4G42 TMP-05R-65 Field Sample Soil/Low 1 19 ug/Kg	Y4G43 TMP-05R-70 Field Sample Soil/Low 1 22 ug/Kg	Y4G44 TMP-05R-75 Field Sample Soil/Low 1 23 ug/Kg					
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.60	U	0.56	U	0.63	U	0.62	U	0.72	U
Isopropanol	30	R	28	R	31	R	31	R	36	R

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***Final Flag Results***

VOA Low Med 1A

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	Y4G45 TMP-05R-75X Field Sample Soil/Low <b>1</b> 25 ug/Kg		Y4G46 TMP-05R-80 Field Sample Soil/Low <b>1</b> 21 ug/Kg		Y4G46MS Matrix_Spike Soil/Low <b>1</b> 21 ug/Kg		Y4G46MSD Matrix_Spike_Duplicat e Soil/Low <b>1</b> 21 ug/Kg		Y4G48 TMP-05RR-85 Field Sample Soil/Low <b>1</b> 32 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Chloromethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Vinyl chloride	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Bromomethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Chloroethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Trichlorofluoromethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,1-Dichloroethene	6.1	U	6.0	U	57		58		7.1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Acetone	39		43		32		41		54	
Carbon disulfide	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Methyl acetate	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Methylene chloride	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
trans-1,2-Dichloroethene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Methyl tert-butyl ether	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,1-Dichloroethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
cis-1,2-Dichloroethene	6.1	U	6.0	U	6.5	U	6.6	U	4.4	J
2-Butanone	12	U	12	U	13	U	13	U	14	U
Bromochloromethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Chloroform	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,1,1-Trichloroethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Cyclohexane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Carbon tetrachloride	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Benzene	4.5	J	6.0	U	71		76		7.1	U
1,2-Dichloroethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,4-Dioxane	120	R	120	R	130	R	130	R	140	R

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**Final Flag Results**

VOA Low Med 1B

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	<b>Y4G45</b> TMP-05R-75X <b>Field Sample</b> Soil/Low <b>1</b> 25 ug/Kg		<b>Y4G46</b> TMP-05R-80 <b>Field Sample</b> Soil/Low <b>1</b> 21 ug/Kg		<b>Y4G46MS</b> Soil/Low <b>1</b> 21 ug/Kg		<b>Y4G46MSD</b> <b>Matrix_Spike_Duplicat</b> e Soil/Low <b>1</b> 21 ug/Kg		<b>Y4G48</b> TMP-05RR-85 <b>Field Sample</b> Soil/Low <b>1</b> 32 ug/Kg	
<b>Compound</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>
Trichloroethene	47		33		92		110		100	
Methylcyclohexane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,2-Dichloropropane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Bromodichloromethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
cis-1,3-Dichloropropene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
4-Methyl-2-pentanone	12	U	12	U	13	U	13	U	14	U
Toluene	6.1	U	6.0	U	71		73		7.1	U
trans-1,3-Dichloropropene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,1,2-Trichloroethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Tetrachloroethene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
2-Hexanone	12	U	12	U	13	U	13	U	14	U
Dibromochloromethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,2-Dibromoethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Chlorobenzene	6.1	U	6.0	U	67		70		7.1	U
Ethylbenzene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
o-Xylene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
m,p-Xylene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Styrene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Bromoform	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
Isopropylbenzene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,1,2,2-Tetrachloroethane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,3-Dichlorobenzene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,4-Dichlorobenzene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,2-Dichlorobenzene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,2-Dibromo-3-chloropropane	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,2,4-Trichlorobenzene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U
1,2,3-Trichlorobenzene	6.1	U	6.0	U	6.5	U	6.6	U	7.1	U

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***Final Flag Results***

VOA Low Med 9Z

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	Y4G45 TMP-05R-75X <b>Field Sample</b> Soil/Low 1 25 ug/Kg	Y4G46 TMP-05R-80 <b>Field Sample</b> Soil/Low 1 21 ug/Kg	Y4G46MS <b>Matrix_Spike</b> Soil/Low 1 21 ug/Kg	Y4G46MSD <b>Matrix_Spike_Duplicat</b> e Soil/Low 1 21 ug/Kg	Y4G48 TMP-05RR-85 <b>Field Sample</b> Soil/Low 1 32 ug/Kg					
<b>Compound</b>	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.61	U	0.60	U	0.65	U	0.66	U	0.71	U
Isopropanol	30	R	30	R	32	R	33	R	35	R

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***Final Flag Results***

VOA Low Med 1A

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	<b>Y4G50</b> TMP-05RR-90 Field Sample Soil/Low <b>1</b> 20 ug/Kg		<b>Y4G51</b> TMP-05RR-95 Field Sample Soil/Low <b>1</b> 23 ug/Kg		<b>VBLKV5</b> Method Blank Soil/Low <b>1</b> 0 ug/Kg		<b>VBLKW5</b> Method Blank Soil/Low <b>1</b> 0 ug/Kg		<b>VHBLKW5</b> Storage Blank Soil/Low <b>1</b> 0 ug/Kg	
<b>Compound</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>
Dichlorodifluoromethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Acetone	16		13	U	10	U	10	U	10	U
Carbon disulfide	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
2-Butanone	10	U	13	U	10	U	10	U	10	U
Bromochloromethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Chloroform	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Cyclohexane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Benzene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.1	UJ	6.6	U	5.0	U	5.0	UJ	5.0	UJ
1,4-Dioxane	100	R	130	R	100	R	100	R	100	R

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**Final Flag Results**

VOA Low Med 1B

Sample Location Type Matrix/Level <b>Dilution Factor</b> % Moisture Units	<b>Y4G50</b> TMP-05RR-90 Field Sample Soil/Low <b>1</b> <b>20</b> <b>ug/Kg</b>		<b>Y4G51</b> TMP-05RR-95 Field Sample Soil/Low <b>1</b> <b>23</b> <b>ug/Kg</b>		<b>VBLKV5</b> Method Blank Soil/Low <b>1</b> <b>0</b> <b>ug/Kg</b>		<b>VBLKW5</b> Method Blank Soil/Low <b>1</b> <b>0</b> <b>ug/Kg</b>		<b>VHBLKW5</b> Storage Blank Soil/Low <b>1</b> <b>0</b> <b>ug/Kg</b>	
<b>Compound</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>	<b>NFG Result</b>	<b>NFG Flag</b>
Trichloroethene	25		110		5.0	U	5.0	U	5.0	U
Methylcyclohexane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	13	U	10	U	10	U	10	U
Toluene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloroethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Tetrachloroethylene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
2-Hexanone	10	U	13	U	10	U	10	U	10	U
Dibromochloromethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Styrene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Bromoform	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.1	U	6.6	U	5.0	U	5.0	U	5.0	U

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***Final Flag Results***

VOA Low Med 9Z

Sample Location Type Matrix/Level	Y4G50 TMP-05RR-90 Field Sample Soil/Low		Y4G51 TMP-05RR-95 Field Sample Soil/Low		VBLKV5 Method Blank Soil/Low		VBLKW5 Method Blank Soil/Low		VHBLKW5 Storage Blank Soil/Low	
Dilution Factor % Moisture Units	1	20	1	23	1	0	1	0	1	0
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.51	U	0.66	U	0.50	U	0.50	U	0.50	U
Isopropanol	26	R	33	R	25	R	25	R	25	R